

FELIKSY, V.Y.

USSR

Gasification of charcoal in stationary gas generator.  
V. V. Feliksy and E. A. Shakhov. *Doklady Akad. Nauk SSSR*. *Prav.* 3, No. 2, 15 (1954).—An exptl. stationary gas generator (vol. of the generator 2 cu. m., vol. of the gasifier 0.5 cu. m., area of the cross section 0.8 sq. m., and diam. of the charge chute 300 mm.) charged with charcoal (moisture 4, ash 0.0%, heat value 7650 kcal.) produced a gas with the compn.: CO, 2.7, C<sub>2</sub>H<sub>4</sub>, 0.1, O<sub>2</sub>, 0.3, CO<sub>2</sub> 30.7, H<sub>2</sub> 19.9, CH<sub>4</sub> 9.5, and N<sub>2</sub> 43.7%, at a rate of 4 cu. m./kg. of fuel. The heat value of the gas was 1053 kcal. cu. m., and the charcoal was consumed at a rate of 120 kg./hr. The generator was lighted by blowing the glowing charcoal and air into the charge of the generator. The produced gas was partially cooled by mixing with the air, and the gas-air mixt. was led through a cooler. The gas burned freely and continuously at a const. rate and reached a temp. of 850° sufficient to be used in gas blowing. T. Jurecik

1-27-7000, 1-1  
FEFILOV, V.V.; SMESAREV, K.A.; PERSHANOVA, M.G.; FILONENKO, Ya.R.

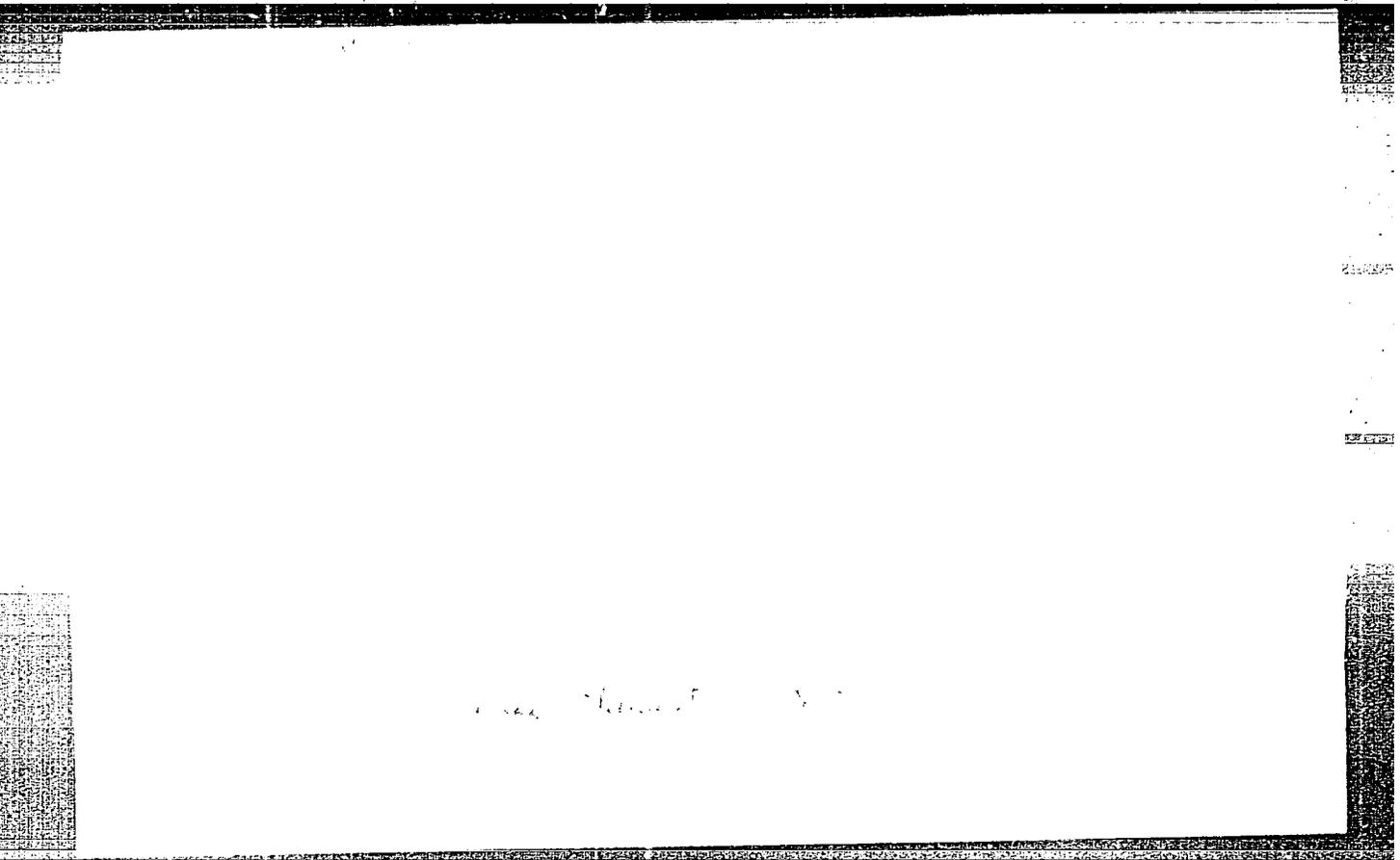
Crushing as a method for increasing the wood pulp yield of slash.  
Gidroliz. i lesokhim. prom. 8 no.1:6-7 '55. (MLRA 8:10)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut  
(Wood pulp)

FEFILOV, V.V., kandidat khimicheskikh nauk.

Methods for the chemical utilization of mill residue and wood waste. *Gidrelis. i lesokhim.prom.* 8 no.5:4-6 '55. (MIRA 9:1)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut. (Wood--Chemistry)



Rumania/Chemical Technology. Chemical Products and Their Application -- Wood chemistry products. Cellulose and its manufacture. Paper, I-23

Abst Journal; Referat Zhur - Khimiya, No 2, 1957, 6243

Author: Fefilov, V. V.

Institution: None

Title: Ways of Chemical Utilization of the Waste of Lumbering and Wood Processing

Original  
Publications: An. Rom.-Sov. Ser. silvicult.-ind. lemn. si hort., 1956, 10, No 1,  
108-114

Abstract: A translation. See Referat Zhur - Khimiya, 1956, 20935

Card 1/1

~~FRILON~~

Twenty-fifth anniversary of the Central Scientific Research Institute  
of Wood Chemistry. *Gidroliz. i lesokhim.prom.* 10 no.5:7-9 '57.  
(MLRA 10:8)

1. Direktor Tsentral'nogo nauchno-lesokhimicheskogo instituta.  
(Wood--Chemistry)

*FEFILOV, V. V.*

USSR/General Problems. Methodology, History, Scientific Institutions  
and Conferences, Instruction, Questions Concerning Biblio-  
graphy and Scientific Documentation. A

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3453.

Author : A.N. Khlyzov, V.V. Fefilov, V.V. Terent'yeva.

Inst :

Title : 40 Years of Wood-Pulp Industry.

Orig Pub: Gidroliznaya i lesokhim. prom-st', 1957, No 7, 3-6

Abstract: No abstract.

Card : 1/1

-4-

FEFILOV, V.V.; KVOCHKIN, L.P.

Evaporation of solutions and drying of pyroligneous powder. *Gidroliz.*  
i. *lesokhim.* prom. 11 no.2:15-16 '58. (MIRA 11:3)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.  
(Cellulium acetate) (Drying apparatus)

YEFILOV, V.V.; SOKOLOVA, A.I.

Drying fine wood in a fluidized bed. *Gidroliz. i lesokhim.prom.*  
11 no.7:15-17 '58. (MIRA 11:11)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.  
(Lumber--Drying)

FEFILOV, V.V.; VODZINSKAYA, A.N.

Composition of the tar produced in the gasification of wood wastes.  
Gidroliz.i lesokhim.prom. 12 no.8:5-7 '59. (MIRA 13:4)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.  
(Wood tar) (Wood waste)

FEFILOV, V.V., SOKOLOVA, A.I.

Drying of fine wood in a fluidized bed. Sbor.trud. TSHILKHI  
no.13:3-15 '59. (MIRA 13:10)  
(Wood--Drying) (Fluidization)

GORDON, Lev Vladimirovich; ~~FEFILOV~~, Vladislav Vasil'yevich; SKVORTSOV, Semen Osipovich; ATAMANCHUKOV, Georgiy Dmitriyevich; PLATUNOV, N.A., retsenzent; CHASHCHIN, A.M., retsenzent; LIZUNOV, A.A., inzh., red.; PROTANSKAYA, I.V., red.isd-va; PARAKHINA, N.L., tekhn.red.

[Technology of the wood-chemistry industries] Tekhnologiya lesokhimicheskikh proizvodstv. Izd.2., perer. Pod red. A.A.Lizunova. Moskva, Goslesbunizdat, 1960. 418 p. (MIRA 14:1)  
(Wood—Chemistry)

FEFILOV, V.V.

Twenty fifth anniversary of the Central Wood-Chemical Scientific  
Research Institute. Sbor. trud. TSNILKHI no.12:5-12 '57.

(MIRA 13:10)

(Wood--Chemistry)



FEFILOV, V.V.

Modern development of the rosin and turpentine production, and V.E.  
Tishchenko's work "Rosin and turpentine." Sbor.trud. TSNILKHI no.12:  
145-150 '57. (MIRA 13:10)  
(Gums and resins) (Turpentine industry)

TREYNIS, Anatoliy Mikhaylovich; ROMANOV, A.V., retsenzent; TOLKACHEV,  
A.K., retsenzent; FEFILOV, V.V., red.; FILIMONOVA, A.I., red.  
izd-va; PARAKHINA, N.L., tekhn. red.

[Tapping trees] Podsochka lesa. Moskva, Goslesbumizdat, 1961.  
356 p. (MIRA 15:3)

(Turpentine)

FEFILOV, V.V.; CHISTOV, I.F.; BOGOYAVLENSKAYA, V.N.; Prinimali uchastiyes  
POPOV, G.A., rabotnik; LARINA, Ye.M., rabotnitsa; MAKLOVA, A.F.,  
rabotnitsa

Utilization of white pigment and sewage waters of the  
Dmitriyevsk Wood Chemical Plant. Sbor.trud.TSNILKHI no.14:  
60-73 '61. (MIRA 16:4)

1. Dmitriyevskiy lesokhimicheskiy zavod (for Popov, Larina,  
Maklova).

(Makeyevka--Wood using industries--By-products)  
(Fertilizers)

ABRAMOV, Isay Viktorovich; GORELIK, I., red.; FEFILOVA, Ye., red.;  
DANILINA, A., tekhn.red.

[Ferrous metallurgy] Chernaia metallurgia. Moskva, Gos.  
isd-vo polit. lit-ry, 1958. 158 p. (MIRA 12:1)  
(Iron) (Steel)

FEFLEA, Z., ing.

Geodesy and cartography, nos. 9-12, 1961. Rev geodezie 6  
no.3:78-80 '62.

VLASOV, K.A., glav. red. [deceased]; FEKLICHEV, V.G., otv. red.

[Microinclusions in minerals] Mineral'nye mikrovkliucheniia. Moskva, Nauka, 1965. 262 p. (MIRA 18:7)

1. Akademiya nauk SSSR. Institut mineralogii, geokhimi i kristalloghimi redkikh elementov. 2. Chlen-korrespondent AN SSSR (for Vlasov).

L 1159-66 EWT(1)/EWT(m)/EPT(c)/EPT(n)-2/EWA(d)/EWP(t)/EWP(k)/EWP(b)/EWA(c) IJP(c)  
 ACCESSION NR: AP5021893 JD/WW/HW/GG UR/0020/65/163/006/1437/1438

AUTHORS: <sup>44.55</sup>Churagulov, B. R.; <sup>44.55</sup>Feklichev, Ye. M.; <sup>44.55</sup>Kalashnikov, Ya. A.; Vereshchagin, L. F. (Corresponding member AN SSSR)

TITLE: <sup>44.55</sup>Differential-thermal analysis at pressures up to 100 k bar

SOURCE: AN SSSR. Doklady, v. 163, no. 6, 1965, 1437-1438 21,44:55 54  
13

TOPIC TAGS: cerium<sup>21</sup>, barium<sup>1</sup>, bismuth<sup>1</sup>, silver chloride<sup>21</sup>, pressure, solid state transition, thermal analysis

ABSTRACT: A differential-thermal analysis method has been developed by means of which solid state transitions may be studied. The apparatus is shown schematically in Fig. 1 on the Enclosure. The method was applied to the study of phase transitions in Bi, Ce, Ba, and AgCl. The thermograms obtained are given in Fig. 2 on the Enclosure. It is suggested that the method may be used for high pressure calibration. Orig. art. has: 2 graphs and 1 equation.

ASSOCIATION: Institut fiziki vysokikh davleniy, Akademii nauk SSSR (Institute of Physics for High Pressures, Academy of Sciences SSSR); Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 24Mar65

NO REF SOV: 007  
 Card 1/3

ENCL: 02  
 OTHER: 002

SUB CODE: ME, TD

L 1159-66

ACCESSION NR: AP5021893

ENCLOSURE: 01

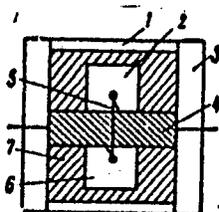


Fig. 1.  
Schematic of the introduction of differential thermocouples  
into the high pressure chamber  
1- talcum cover; 2- metallic Bi; 3- talcum isolating screen;  
4- teflon and talcum washer; 5- differential chromel-alumel  
thermocouple; 6- specimen; 7- pressure transducing substance

Card 2/3

L 1159-66

ACCESSION NR: AP5021893

ENCLOSURE: 02

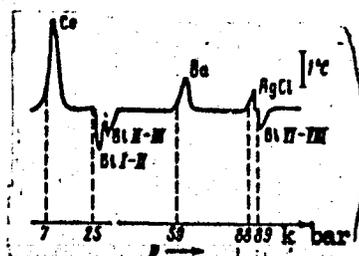


Fig. 2.  
Composite thermogram for the different substances

Card 3/3

1. REGEL'MAN, B. S., Eng.; POPOV, A. P., Eng.
2. USSR (600)
4. Steam Boilers
7. Dust muffle using Moscow basin coal, Rab. energ., 3, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

FEDEL'MAN, L.S., inzh.

Preparing to put dreams into practice. Nauka i zhizn' 27 no.11:9-16  
N '60. (MIRA 13:12)

1. Moskovskiy institut "Giprostanok".  
(Factories--Design and construction)

SOV/124-58-3-3095

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 78 (USSR)

AUTHORS: Ricard, C., Sourisse, C., Nougaro, J., Rouvière, R., Sablayrolles, G., Féger, J., Labouysse, M., Thomas, A.

TITLE: A Survey of Works on Clay Slurries, Presented by the "Slurries" Committee (Obzor robot po glinistym rastvoram, predstavlenyy kommissiy "Rastvory")

PERIODICAL: V sb.: 4-y Mezhdunar. neft.kongress. Nr 3. Moscow, Gostoptekhizdat, 1956, pp 27-43

ABSTRACT: 1. Investigation of clay slurries at elevated temperatures and elevated pressures (Ricard, Sourisse, Nougaro, Rouvière, Sablayrolles, Féger, Labouysse, Thomas). It is experimentally established that at a temperature of 250°C and a pressure of 1000 kg/cm<sup>2</sup> the volume of the filtrate of clay slurries is initially proportional to the square root of the filtration time, and that it increases sharply thereafter. The organic colloids disintegrate at elevated temperature. Design arrangements of a filter press, a rotary high-pressure viscosimeter, and a circulation apparatus are presented. 2. A new method for the quantitative estimation (both for engineering and

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SOV/124-58-3-3095

A Survey of Works on Clay Slurries, Presented by the "Slurries" Committee

cost-engineering indices) of colloidal products, for use in the preparation of clay slurries (Ricard, Sourisse). Experimental data are used to express the concentration of clay and of organic additions in terms of the viscosity or the water-elimination rate; the exclusion of the concentration term in these relationships affords a direct connection between the viscosity and the water-elimination rate. 3. Instruments for the continuous measurement of the rheological properties of clay slurries (Nougaro, Ricard, Rouvière, Sablayrolles). A description is presented of a field instrument for the continuous measurement of the pseudoplasticity and shear stresses in clay slurries. The instrument is based on the determination of the flow resistance of the slurry through two pipe lines, wherein the resistance characteristics are pinpointed by means of a galvanometer attached to a mercury manometer. A rotary-type instrument is proposed for the laboratory measurement of the same parameters, wherein the resistance to rotation of the rotor is measured by another electrical device. 4. Drilling problems in cavernous rocks (Féger, Labouysse). A brief description is adduced of appropriate measures (cementing, plugging, etc.) during the drilling of wells in fissured rock. 5. Investigation and application of novel reagents for clay slurries (Thomas). The application of starch, fucus, and humic acids in the preparation of clay slurries is described.

Card 2/2

A. I. Golubev

FAGERESHANU, I. [Fagarashanu, I.], prof.

Achievements of the Rumanian surgical school during the year of  
the popular democratic system. Zdrav. Belor. 6 no. 10:63-65 0 '60.  
(MIRA 13:10)

1. Chlen-korrespondent Akademii Rumynskoy Narodnoy Respubliki.  
(RUMANIA—SURGERY)

FEGES, J.

Application of temperature-floats as thermometers.  
1. Kemp and J. Feges. *J. Res. Nat. Inst. Stand.* (London)  
2, 87-92 (1957) (in German) - The importance of accurate  
temp. measurement to the detn. of small concns. of D in  
water by the temp.-float method is discuss'd. A float that  
was calibrated and used as a thermometer; this improves  
the accuracy of the d. detn. V. H. Dittel.

GAZAFURA, Krsto, prof. dr.; FEGES, Joze, inzh.

Bases for extracting titanium, aluminum, and vanadium from acid lys of red mud. Rud met zbor 3:225-241 '64.

1. Department of Mining and Metallurgy, Faculty of Natural Sciences and Technology, University of Ljubljana, Ljubljana, Askerceva 20 (for Gazafura). 2. Metallurgical Institute, Ljubljana, Lepi pot 11(for Feges).

BOIGAR, Erzsébet, Dr.; FEHÉR, Elek, Dr.; TOROK, HEDVIG, Dr.; RAJKA, Odon, Dr.

Penicillin allergy. Orv. hetil. 99 no.49:1697-1702 7 Dec 58.

1. A Fovarosí Istvan Korház (igazgató: Katona Istvan dr.) Borosztalyanak  
(főorvos: Rajka Odon dr.) közleménye.

(PENICILLIN, inj. eff.

allergic reactions, statist. (Hun))

(ALLERGY

to penicillin, statist. (Hun))

KOROSSY, S.; BOSZORMENYI, J.; GOZONY, M.; FEHER, E.

Studies on psoriasis patients for the clarification of the role of tonsillar focus and  $\beta$ -hemolytic Streptococcus. *Borogygy. vener. szemle* 13 no.2:75-85 Apr 59.

1. Kozlemeny a budapesti Istvan-morhas borosstalyarol (Forvos: Dr. Rajka Odon es a Human Oltoanyagtermelo es Kutato Intezetbol (Igazgato: Dr. Veres Gabor).

(PSORIASIS, etiol. & pathogen.

etiol. role of beta hemolytic streptococci & tonsillar foci (Hun))

(TONSILLIS, microbiol.

etiol. role of beta hemolytic streptococci & tonsillar foci in psoriasis (Hun))

FEHER, Elek, dr.; GOZONY, Marianna

Experience with penicillinase therapy of penicillin allergy.  
Orv.hetil. 102 no.6:259-262 5 F'61.

1. A budapesti Istvan Korhas Borosztalya.  
(PENICILLIN toxicol)  
(PENICILLINASE ther)

KOROSSY, S.; TOROK, H.; FEHER, E.; GOZONY, M.

Comparative investigations with different oxyquinolines in microbial cutaneous processes. *Borgyogy. vener. szemle* 37 no.6:271-273 D '61.

1. A Fov. Istvan-korhaz (Igazgato: Dr. Katona Istvan) Borosztalyanak (Foorvos: Dr. Rajka Odon) kozlemenye.

(DERMATOLOGY ther) (QUINOLINES ther)

FEHER, Gyorgy

Gyroscopic geodetic instruments. Geod kart 16 no.3:196-201  
'64.

FEHER, Gyula (Szolnok)

Let us be acquainted with electronic office machines. Magyar Kisebsegi Lapok  
6 no.25:7 13 D '62.

1. Miskolc.

FEHER, Gyula

Strawboard press. Mesogazd techn 1 no.1:21 '61.

FEHER, Gyorgy

The other side of the labor norm. Munka 14 no. 2: 16-17 F '64.

1. Szakszervezetek Orszagos Tanacsa munkaber osztalya.

FEHER, Gyorgy

Tasks of trade unions in the field of norm adjustment. Munka  
15 no.3:12-13 Mr '65.

1. Division of Wages of the Central Council of Hungarian  
Trade Unions, Budapest.

SZABO, G.; SOLTI, F.; REV, J.; KARSAY, G.; VEIER, G.

The effect of anesthesia on antidiuresis and antisaluresis resulting from the reduction in the effective circulating blood volume. Acta med. hung. 11 no.3:359-364 1958.

1. 1st Department of Medicine, University Medical School, and Central Institute for Nervous and Mental Diseases, Budapest.

(ANESTHESIA, eff.

on antidiuresis & antisaluresis due to reduction of effective circulating blood volume in human volunteers)

(DIURESIS

antidiuresis & antisaluresis due to reduction of effective circulating blood volume, eff. of anesth. in human volunteers)

(BLOOD VOLUME

reduction of effective circulating volume inducing antidiuresis & antisaluresis, eff. of anesth. in human volunteers)

SOLTI, F.; CLAUDER, O.; FEHER, G.A.; PREISICH, P.; KASSAY, G.

Effect of sodium lactate in conduction disturbances of the heart with special respect to overdigitalization. Acta med. hun. 14 no.4:405-413 '59.

1. The 1st Department of Medicine, University Medical School, Budapest.

(LACTATES pharmacol.)  
(HEART DISEASES ther.)  
(DIGITALIS toxicol.)

FEHER, Gyula; HORANY, Erno; ANDRISKA, Ferenc; BARSY, Gyula, dr.

Garbage treatment in provincial cities. Nepegessegugy 35 no.5:  
129-138 May 54.

1. Koslemony az Orszagos Kosgessegugyi Intezet (foigangato:  
Havas Andras dr.) egessegugyi muszaki osztalyarol.

(GARBAGE,  
disposal in Hungary)

(SEWAGE,  
disposal in Hungary)

FEHER, Gyula

For the success of the autumn agricultural work. Munka 11 no.10:  
8-9 0 '61.

1. Foldmuvelesugyi Miniszterium sajto- es propaganda osztalyanak  
vezetoje, Budapest.

FEHER, Gyula; KERESZTI, Alfred

Sanitary aspects of rural water supply from a common well. Nepegeszse-  
gugy 42 no.6:169-176 Je '61.

1. Kozlemeny az Orszagos Koszegeszsegugyi Intezet (foiguzgato: Bakacs  
Tibor dr.) egeszsegugyi muszaki osztalyarol)

(RURAL HEALTH) (WATER SUPPLY)

HUNGARY/Farm Animals. Horses

Q-2

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49964

Author : Fohcr, Gyrogy

Inst

Title : Data on Statics and Dynamics of Anterior Extremities in Horses.

Orig Pub : Allettonyeczsoz, 1957, 6, No 2, 141-147

Abstract : The author is of the opinion that amortization processes of anterior extremities during walking and running take place in their upper parts (scapular and shoulder bone apparatus) as well as in their lower parts (ligaments of the metacarpus, coronary, and hoof joints). A detailed description of bio-mechanics of anterior extremities is given, and in this connection the location of their components and of the shoulder girdly parts is explained.

Card : 1/1

14

HUNGARY / Human and Animal Morphology: (Normal and Pathological). Nervous System.

3

Abs Jour : Ref Zhur - Biol., No 21, 1958, No 97045

Author : Kovacs, Gyula; Fohcr, Gyorgy.

Inst : Not given

Title : On the Question of the Region of Abducent Nerve Innervation.

Orig Pub : Magyar allatorv. lapja, 1958, 13, No. 1, 18-21

Abstract : It is shown that in the horse, large horned cattle, pig and dog, n. abducent, aside from the external rectus muscle of the eye, completely innervates the n. retractor bulbi, to which there are no branches from n. oculomotorius. This confirms the concept that n. retractor bulbi is the derivative of n. rectus oculi lateralis.

Card 1/1

HUNGARY/Farm Animals - Cattle.

Q-2

Abs Jour : Ref Zhar - Biol., No 1, 1959, 2666

Author : Fekner, Gy., Glosz, L., Durdas, A.

Inst : Hungarian AS

Title : Studies in the Anatomic Structure of Two Old Cows.

Orig Pub : Acta veterin. Acad. sci. Hung., 1957, 7, No 4, 361-390.

Abstract : The studies were concerned with a 17-year cow (weight at slaughter, 670 kg; maximum milk yield for 325 days of lactation, 6,012 kg with a fat content of 3.91%; number of calvings, 11), and a 32-year cow (weight at slaughter, 560 kg; maximum milk yield for 300 days, 3,980 kg with a fat content of 4.19%; number of calvings, 26). Noted were: weight, volume and dimensions of the digestive organs, liver, spleen, ovary, heart, lungs, and the volume and diameter of the filled vessels. -- K.M. Lyabikov.

Card 1/1

- 24 -

KOVACS, Gy.; FEHER, Gy.

Descriptive and roentgen anatomical investigations of the sternum of domestic mammals. Acta veter Hung 12 no.2:165-176 '62.

11 Lehrstuhl für Anatomie und Histologie (Leiter: Prof. Gy. Kovacs) der Veterinärmedizinischen Hochschule, Budapest.

FEHER, Gyorgy, dr., egyetemi docens, a mezogazdasagi tudomanyok kandidatusa;  
HARASZTI, Janosne, dr., egyetemi tanarseged

Data on the morphology of sexual glands and their changes due  
to their age in case of bulls. Magy allotory lap 19 no.4:141-145  
Ap '64.

1. Chair of Anatomy and Histology, University of Veterinary Medicine  
(Head of Chair: Prof. Dr. Gyula Kovacs), Budapest.

FEHER, Gy.; GYURU, F.; FEHER, J.

Data on intersexuality in cattle. Acta vet. Acad. sci. Hung.  
15 no.1:61-82 '65

1. Institut für Anatomie und Histologie (Direktor: Prof. Gy.  
Kovacs) der Veterinärmedizinischen Universität, Budapest.

NAGY, Marie; FEHER, Gy.; BARDOSS, Anna

Histochemical study of some accessory sex glands in bulls.  
Acta vet. Acad. sci. Hung. 15 no.1:83-90 '65

1. Lehrstuhl für Anatomie und Histologie (Leiter: Prof.  
Gy. Kovacs) der Veterinärmedizinischen Universität,  
Budapest.

CSILLAG, Miklos, dr.; BRAUN, Pal. dr.; GEDEON, Andras, dr.; FENYVESI, G. Antal  
VATAI, Margit, dr.

The ratio of various urinary steroids in obese female patients.  
Orv. hetil. 106 no.19:887-889 9 My '65

1. Budapesti Orvostudományi Egyetem, II. Női Klinika (igazgató:  
Zoltán, Imre, dr.) és XIII. Tanács, Robert Karoly koruti kórház,  
II. Belosztály (feorvos: Braun, Pal. dr.).

KOREF, Oszkar, dr.; KOMOR, Karoly, dr.; FEHER, Tiber, dr.;  
STECZEK, Katalin; FEHER, G. Katalin

Examination of steroid excretion in a complicated endocrine  
clinical picture. Orv. hetil. 106 no.40:1881-1882 3 0 '65.

1. Budapesti Orvostudományi Egyetem, I. Belklinika, Bajcsy  
Zsilinszky Korház, I. Belosztály, és Budapesti Orvostudo-  
mányi Egyetem, II. Női Klinika.

CSILLAG, Miklos, dr.; BRAUN, Pal, dr.; GEDEON, Andras, dr.; FEHER, G. Katalin;  
VATAI, Margit, dr.

The ratio of various steroids in the urine of obese female patients following ACTH stimulation. Orv. hetil. 106 no.41: 1940-1942 10 0 '65.

1. Budapesti Orvostudományi Egyetem, II. Női Klinika (igazgató: Zoltan, Imre, dr.) és XIII. ker. Tanács, Robert Karoly körúti Kórház, II. Belosztály (főorvos: Braun, Pal, dr.).

HUNGARY

Biochemistry

FEHER, O., Katalin, CSILLAG, Miklos; Medical University of Budapest, II. Gynecological Clinic (Budapesti Orvostudományi Egység, II. sz. Női Klinika),

"Determination of Estriol, Estrone and Estradiol From the Urine of Pregnant Women by Means of Thin Layer Chromatography."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 4, Aug 66, pages 393-397.

Abstract: [Authors' Hungarian summary] A method is described for the determination of the amount of estriol, estrone and estradiol excreted in the urine during pregnancy. Hydrolysis and extraction of the urine was carried out as described by the authors in their method for determination of the total estrogen level. Fractionation was carried out by means of thin-layer chromatography. The Ittrich reaction was carried out in the presence of the adsorbent, without elution of the estrogens. The results of the experiments used as control for the method and the physiological values are also reported. The data are compared with those of total estrogen excretion determined simultaneously. 2 Hungarian, 23 Western references. [Manuscript received 24 Jul 65.]

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HUNGARY

FEHER, György, Dr, docent, candidate, GYURU, Ferenc, Dr, adjunctus; Veterinary Medical University, Department of Anatomy and Histology (chairman: KOVACS, Gyula, Dr, professor, doctor of vet. sci.) (Allatorvostudományi Egység, Anatómiai és Szövetani Tanszék).

"Double Cattle Monsters."

Budapest, Magyar Allatorvosok Lapja, Vol 21, No 7, Jul 66, pages 317-320.

Abstract: [Authors' English summary modified] The rarely occurring symmetric duplications of connected twin monster abnormalities, i.e. complete duplication of upper-middle-and lower-connection as well as the incomplete duplication of upper and lower connection were studied in the offspring of 7 cows. At birth each of the calves were alive but only the upper imperfectly-doubled monster survived for as long as 43 days. The various findings are described in detail. No references.

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HUNGARY

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R0004128

FEHER, György, Dr, docent, candidate, GYURU, Ferenc, Dr, adjunctus; Veterinary Medical University, Department of Anatomy and Histology (chairman: KOVACS, Gyula, Dr, professor, doctor of vet. sci.) (Allatorvostudományi Egység, Anatómiai és Szövetani Tanszék).

"Siamese Twin Calves (Sterno-Xyphoomphalopagus)."

Budapest, Magyar Allatorvosok Lapja, Vol 21, No 7, Jul 66, pages 321-322.

Abstract: [Authors' English summary modified] Two perfectly developed homozygous twins were studied by the authors which were connected on the ventral surface of the chest and abdomen. The two hearts of the two calves were found in a common pericardium and the two right atria of the hearts were communicating with each other. The livers were also connected. The two duodena discharged into a colon-like intestine of 40 cm length from the distal part of which two jejunae took their origin. On the basis of the developmental anomalies of the organs the conclusion can be drawn that double monsters do not develop by accretion but by the imperfect separation of monozygous twins. 11 Eastern European, 9 Western references.

1/1

VARDAY, Gyorgy, dr.; BICZOK, Imre; OCSVAR, Rezső; LANTOS, Zoltan; SZIMELY, Karoly; BERENYI, Akos, dr.; FEHER, Gyula; GALLI, Laszlo; BAKOS, Laszlo; CZIQLINA, Vilmos; GABOS, Gyorgy; SZILAGYI, Gyula; RONAI, Andras; KOVACS, Gyorgy; BACHMANN, Alfred; STEGMULLER, Jozsef; RETHATI, Laszlo; NAGY, Zoltan.

Hydrological questions of the construction industry in Hungary.  
Hidrologiai kozlony 36 no.3:169-170 Je'56.

1. "Hidrologiai Kozlony" szerkeszto bizottsagi tagja (for Galli).
2. "Hidrologiai Kozlony" felelos szerkesztoje (for Kovacs).

FEHER, G.K.; CSILLAG, M.

A quick method for the determination of urinary estrogens in pregnancy. Comparison of the method with Ittrich's procedure. Acta med. acad. sci. Hung. 21 no.3:343-347 '65.

1. II. Frauenklinik (Direktor: Prof. Dr. I. Zoltan) der Medizinischen Universität, Budapest. Submitted April 20, 1965.

FENNER, I.

FENNER, I. Propagation of improved seeds with spikes. p. 57.

Vol. 8, no. 2, Feb. 1956.

AGARTUDOMANY.

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

FEHER, I.

New methods in the technology of spinning vigogne with special emphasis on extending their use. P. 98 MAGYAR TEXTILECHNIKA. Budapest, No. 3, Mar. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, no. 8, August 1956

FEMER, I.

Realization of innovations in the Soviet Union. p. 9.

Radioactive control of quality in Soviet industry. p. 9.

UJITOK LAPJA, Vol. 7, No. 7, April 1955

(Oszagos Talalmanyi Hivatal) Budapest

SOURCE: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 1 September, 1956

COUNTRY : Hungary C  
CATEGORY :  
ABS. JOUR. : RZKhim., No. 1959, No. 85671  
AUTHOR : Maros, L.; Koros, L.; Feher, I.; Schulek, L.  
INST. :  
TITLE : Study of Exchange reactions with Radioactive Isotope of Sulfur S<sup>35</sup>. II. Investigation of the Structure of Dithionite.  
ORIG. PUB. : Magyar kem. folyoirat, 1959, (5, No 2, 58-62  
ABSTRACT : By means of radioactive isotope S<sup>35</sup> a study is made of the question concerning disparity of S atoms in dithionite-ion. The reaction  $2HS^*O_3^- + CH_2OHSO_2^- \rightarrow S^*SO_4^{2-} + CH_2OHSO_3^- + H_2O$  was used to obtain S<sup>35</sup>SO<sub>4</sub><sup>2-</sup> ions which were decomposed by heating to HSO<sub>3</sub><sup>-</sup> and S<sub>2</sub>O<sub>3</sub><sup>2-</sup>. Then, activity of sulfur was determined in HSO<sub>3</sub><sup>-</sup> and Ag<sub>2</sub>S, obtained by precipitation with silver from solution containing S<sub>2</sub><sup>35</sup>O<sub>3</sub><sup>2-</sup> ions. Since specific activity of sulfur in sulfite and sulfide is the same, it is concluded that in dithionite-ion both sulfur atoms are equivalent.  
Communication I see RZKhim, 1958, No 24, 80725.  
Yu. Kharitonov.

CARD:

HORVATH, Imre; V. FEHER, Ilona

Effect of the spectral composition of light on the absorption  
of light by photosynthetic pigments. Botan kozl 51 no.1:  
35-39 '64

1. Chair of Botany and Phytophysiology, University of Agri-  
culture, Godollo.

DESI, Illes; FREHER, Imre; SZALAI, Katalin

Studies on selective reabsorption in nephrectomized rats.  
Kiserletes Orvostud. 11 no.5:500-504 0 '59.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete.  
(NEPHRECTOMY eff)

HUNGARY

FABIAN, Sz., Magdolna, Dr, LAKOS, Antal, Dr, FEHER, Ilona, Dr; City Council of Mako, Hospital, Department of Radiology (Mako Varosi Tanacs Korhaz, Rontgenosztaly), and Medical University of Szeged, II. Medical Clinic (Szegedi Orvostudomanyi Egyetem, II. Belklinika).

"Methods for the Acceleration of Passage in the X-Ray Examination of the Intestinal Tract (Pharmaco-Radiographic Studies)."

Budapest, Magyar Radiologia, Vol XVIII, No 2, Apr 66, pages 81-85.

Abstract: [Authors' English summary modified] It was found by the authors that passage through the small intestine is considerably accelerated by Diotilan and Prostichol without any disturbance in the morphology or physiological function of the mucous membrane or the intestinal wall. There were no pathological spasms or increased secretion. The small intestine becomes filled after 30-60 minutes and the colon after 2 hours. By using this method, the examination of the entire intestinal tract can be completed within 2 hours. 7 Hungarian, 24 Western references.

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- 201 -

FEHER, I. 1951

(Pathophysiol. Inst. U. of Budapest)

"Action of Bibrinolase on the Inactivation of Thrombin in Virto."

Acta Physiologica (Budapest) 1951, 2/1 suppl (22)  
No abst. in Exc., Med.

FEHER, Imre, dr.; LUDANY, Gyorgy, dr.; TOTH, Erzsébet, dr.; WEISZ, Pal, dr.

Effect of the LPT factor on thrombocyte count. Orv. hetil. 95  
no.49:1347-1349 5 Dec 54.

1. A Budapesti Orvostudományi Egyetem Kóreltani Intézetének  
(igazgató: Sos. József, dr. egyet. tanár) közleménye.

(BLOOD PLATELETS

count, eff. of leukocytosis-promoting factor)

(LEUKOCYTOSIS

LPT factor, eff. on blood platelet count)

Fehér, I.

L-6085. Action of leucocytosis promoting factor (LFF) on number of platelets. I. Fehér, G. Laskány, E. Tóth, and P. Weiss. *Arch. int. Pharmacodyn.*, 1955, 100, 350-356 (Pathophysiol. Inst., Med. Univ., Budapest, Hungary). - Injection of LFF increases the no. of platelets as well as leucocytes. The effect of 1 mg/kg i.v. is max. at 3 hr., is reversible and averages over 100% increase in platelets. There is a parallel reduction in blood clotting time. (German)  
D. R. Wood.

3

SOS, J.; CSALAY, L.; FEHER, I.; KEMENY, T.; PERENYI, L.; WEISZ, P.;  
Technikai asszisztensek: Schnell, Maria es Jona, Margit.

Experiments with glutamic acid antimetabolites. Kiserletes  
orvostud. 8 no.4:380-390 July 56.

1. Budapesti Orvostudományi Egyetem Korelátani Intézete.  
(GLUTAMATES, metab.  
glutamic acid antimetabolites (Hun))

✓ 6013. Effect of adrenalectomy on adenosine triphosphatase activity of organs of rat. P. Keral, T. Gáti, I. Fehér, Gy. Harmos and F. Kocsis *Acta physiol. Acad. Sci. Hung.*, 1958, 9, 285-286 (Pathophysiol. Inst. Med. Univ., Budapest, Hungary).—The ATP-ase activity (Du Bois-Potter units) on the 7th day after adrenalectomy diminished by 30 to 50% in the muscles, liver, intestinal mucosa and kidney. Cortisone treatment, with the exception of the kidney, raised the values to normal. A. B. L. BERNAK. 5

**"APPROVED FOR RELEASE: Monday, July 31, 2000**

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**CIA-RDP86-00513R000412810C**

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**CIA-RDP86-00513R000412810**

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**CIA-RDP86-00513R000412810C**

HUNGARY / Pharmacology and Toxicology--Chemotherapeutic V-6  
Preparations

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107388

Author : Sos, J., Csalay, L., Feher, I., Kemeny, T.,  
Perenyi, L., Weisz, P.

Inst : Hungarian AS, *Instit. Patho. Physiology, Univ. Med. School  
Budapest*

Title : The Study of the Antimetabolites of Glutamic Acid

Orig Pub: Acta physiol. Acad. sci. hung., 1956, 10, No 2-4,  
407-420

Abstract: The effect of six dicarbenic acids of the supposed  
antimetabolites of glutamic acid (GA) on the growth  
of strains of Lactobacillus casei sensitive to the  
lack of GA, and rats was studied. Paranitrobenzoyl  
glutaminic acid (I), disulfide  $\alpha$ -thiopropionic acid

Card 1/3

HUNGARY / Pharmacology and Toxicology--Chemotherapeutic V-6  
Preparations

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107388

(II), disulfide  $\beta$ -thiopyruvate (III), and methi-  
onine sulfoxide (MS) depressed the growth of L.  
casei (MS acted weakly), and I, II, and III also  
influenced the growth of Enterococcus A. GA eli-  
minated the growth of I, II, and III. The de-  
pressing effect of II on L. casei was weakened by  
cysteine, cystine, and methionine, and the action  
of III by cysteine. Lactamide of glutamic acid  
(2-pyrrolidone-5-carbonic acid) and tosylglutaminyl-  
aspartic acid (N-n-toluolsulfonyl-l-glutaminyl-l-  
asparagine) had no influence on the growth of L.  
casei. In experiments on rats, the action of I,  
II, and IV was tested. I depressed the growth of  
animals. GA did not eliminate this depression  
and even increased it. Under the influence of I,

Card 2/3



HUNGARY / Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B

Abs Jour: Ref Zhur-Khimiya, No 24, 80725.

Author : Koros E., Maros L., Feher I., Schulek E.

Inst : Not given.

Title : Investigation of the Exchange Reactions Involving Radioactive Sulfur. I. Information Pertaining to Exchange of Sulfur Atoms in Polysulfides.

Orig Pub: Magyar kem. folyoirat, 1957, 63, No 8, 213-216.

Abstract: Previously published works on the atom exchange in polysulfides were thoroughly reviewed. A method of separation of sulfides from polysulfide ions is proposed. The components involved were converted into  $BaSO_4$ . Activities were determined with the use of G.-M. counters. An

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21

HUNGARY / Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B

Abs Jour: Ref Zhur-Khimiya, No 24, 1958, 30725.

Abstract: overall exchange (even in the solid phase) was observed in every experiment. A method of isolating elementary sulfur from the marked is described. Exchange of sulfur atoms occurring between sulfides and thiocyanate as well as between thiocyanate and thiosulfate was studied. Its existence, however, could not be detected.

Card 2/2

FEHER, I.; DESI, I.; SZALAI, K.

Hexokinase activity during glucose absorption. Acta physiol.hung.  
18 no.3:199-201 '60.

1. Institute of Pathophysiology, Medical University, Budapest.  
(KINASES metab)  
(GLUCOSE metab)  
(NEPHRECTOMY exper)

LUDANY, G.; VAJDA, Gy.; DOKLEN, Anna, FEHER, I.

The inflammatory "leucopenic factor" (Menkin) and the phagocytosis of leucocytes. Acta physiol.hung. 18 no.1:27-29 '60.

1. II. Surgical Clinic of the Medical University, Mav-Hospital,  
Institute of Pathophysiology. Medical University, Budapest.  
(LEUKOPENIA, experimental)  
(PHAGOCYTOSIS )

DESI, Illes; FEHER, Imre; MARKUS, Vera; SULE, Ferenc

Studies on in vitro absorption of intestines from nephrectomized rats.  
Kiserl. orvostud. 13 no.6:649-653 D '61.

1. Budapesti Orvostudományi Egyetem Korelátani Intézete.

(NEPHRECTOMY exper) (INTESTINES physiol)

FEHER, Imre; DESI, Illes; SIMON, Gyorgy; SZOLD, Endre

Increased permeability and development of cerebral edema following nephrectomy or administration of uremic toxins. Kiserl. orvostud. 14 no.2:132-136 Ap '62.

1. Budapesti Orvostudományi Egyetem Kóreltani Intézete és Urológiai Klinikája.

(UREMIA exper) (EDEMA exper) (BRAIN dis)

DASI, I.; FEHER, I.; MARKUS, Vera; SULE, F.

In vitro absorption of carbohydrate and NaCl from the intestines of nephrectomized rats. Acta physiol. 21 no.2:157-161 '62.

1. Institute of Pathophysiology, Medical University, Budapest.  
(CARBOHYDRATES metabolism) (SODIUM CHLORIDE metabolism)  
(INTESTINES physiology) (NEPHRECTOMY experimental)

FEHER, I.; DESI, I.; SIMON, Gy.; SZOLD, E.; GYETVAI, Gy.; SZABO, M.; SIPOS, K.

Effect of nephrectomy and of uraemic toxin administration on capillary permeability and cerebral oedema. Acta physiol. acad. sci. hung. 22 no.1:93-97 '62.

1. Institute of Pathophysiology and Department of Urology, Medical University, Budapest.

(EDFMA) (BRAIN DISEASES) (CAPILLARY PERMEABILITY)  
(UREMIA) (TOXINS AND ANTITOXINS) (NEPHRECTOMY)

L 18799-63

EWT(1)/EWT(m)/BDS/ES(j) AMD/AFFTC/ASD AR/K

ACCESSION NR: AP3005988

H/0021/63/000/004/0232/0239

AUTHOR: Gidali, Julia (Dr.); Feher, Imre (Dr.); Osgyani, Julia (Technical assistant) 57

58

TITLE: Data on the mechanism of leucopenia and leucocytosis occurring after irradiation 19

VOL XV

SOURCE: Magyar radiologia, no. 4, 1963, 232-239

TOPIC TAGS: granulocytosis, granulopenia, leucopenia, thromboeyte count, irradiation

ABSTRACT: The study was undertaken to determine whether any toxins or humoral agents can be identified in the period immediately following irradiation which exert an influence on the number of circulating leucocytes and thromobocytes. To this end 76 rabbits were irradiated by means of a Medicor TEX-250 source with 150 and 600 r. It was found that the granulocytosis is preceded by a significant granulopenia of short duration, beginning 5-15 minutes after irradiation; with 150 r granulocytosis starts one hour after irradiation, with 600 r after two hours. The change of granulocyte- and thromobocyte count is shown on Figs. 1a

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L 18799-63

ACCESSION NR: AP3005988

and 1c of Enclosure 1. The animals were bled to death at the lowest point of the granulopenia (about ten minutes after irradiation), and the plasma was injected into normal animals, causing an immediate significant granulopenia of short duration followed by granulocytosis lasting several hours. The same plasma produces thrombopenia of several hours' duration. All the aforementioned effects may be brought about by the administration of a 0.1% starch solution. As a result of these findings the hypothesis is put forward that the leucopenigenic agent present in the plasma after irradiation is not a toxin but a substance which forms also as a result of various physiological stimuli. Orig. art. has: 4 figures and 3 tables.

ASSOCIATION: Orszagos "Frederic Joliot-Curie" Sugartbiologiai es Sugareges-zsegugyi Kutato Intezet (National "Frederic Joliot-Curie" Institute of Radiation Biology and Radiation Public Health)

SUBMITTED: 00

DATE ACQ: 27Aug63

ENCL: 01

SUB CODE: AM

NO REF SOV: 000

OTHER: 019

Card 2/8 2

MAROS, Laszlo; KOROS, Endre; FEHER, Istvan; SCHULEK, Elemer

Examination of exchange reactions by  $S^{35}$  radioactive sulphur isotope.  
Pt. 2. Magyar folyoir 65 no.2:58-62 F '59.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai  
Intezete, Budapest.

DEZSI, Istvan; FEHER, Istvan

Absolute measuring of radioactive substances. Pt.1.  
Magy fiz folyoir 11 no.4:285-294 '63.

1. Kozponti Fizikai Kutato Intezet, Budapest.

DEZSI, Istvan; FEHER, Istvan

Absolute measurement of radioactive substances. Pt. 2.  
Magy fiz folyoir 11 no. 6: 517-528 '63.

1. Kozponti Fizikai Kutato Intezet, Budapest.

BARTA, Istvan, prof.; CSANADI, Gyorgy; FEHER, Istvan; KERTAI, Gyorgy  
Kossuth-dijas, cimzetes egyetemi tanar; RADOS, Kornel, prof.;  
VARGA, Jozsef, prof.

What technical and scientific achievements have impressed t  
you to the greatest extent? Musz élet 18 no.26:5 19 D '63.

1. Híradastechnikai Tudományos Egyesület elnöke (for Barta).
2. Közlekedés- és postaügyi miniszter; Közlekedéstudományi  
Egyesület elnöke (for Csanadi). 3. Bőripari Kutatóintézet  
igazgatója; Bőripari Tudományos Egyesület elnöke (for Feher).
4. Magyarhoni Földtani Társulat elnöke (for Kertai).
5. Építőipari Tudományos Egyesület elnöke; Muszaki és Természet-  
tudományi Egyesületek Szövetsége Központi Oktatási Bizottsága-  
nak elnöke (for Rados). 6. Gépipari Tudományos Egyesület elnöke  
(for Varga).

FEHER, Istvan

From designer to repair shop. Mezogazd techn 5 no.4:12 '65.

6.4 FEHÉR, István

29

*Lime treatment of animal skins. István Fehér. Hung. 139,312, June 18, 1949. An activating mixt. consisting of S and an aq. soln. of hydroxides of alkali metals is added to the usual lime pulp in such a ratio that the desired ratio of OII:SOI may be obtained. One thousand kg. salt-free cattle skin is soaked. Now 100 kg. NaOH (30 Baumé) is separately boiled at 120° with 15 kg. S and the mass is added to a bath consisting of 4500 l. water and 350 kg. slaked lime. Skins are then treated with this bath in rotating drums for 24 hrs. István Fehér*

FEHER, I. *I. F.*

Hungarian Technical Abst.  
Vol. 5 No. 4 1953

48. Chrome tannage for soles — *Krom elszarazás talpdrundi* — I. Fehér (Leather and Shoe Industry — *Bőrés Cipőtechnika* — Vol. 2, 1952, No. 6, pp. 163-165)

Sole leathers were tanned with 0.8% chromium oxide however in the finished product instead of the theoretical 1.07% only 0.2 to 0.3% was found, the rest was lost in tannage. This can be attributed to two causes. (1) a large quantity of chromium oxide (up to 40%) remains in the liquor due to its low basicity. (2) a part of the chromium is dissolved in a complex form by liquors containing syntans. All the processes in tanning were systematically examined, it was ascertained that the highest chrome absorption can be attained by chrome tanning in pickle and subsequently keeping the hides on horses for 2 or 3 days and then neutralizing with sodium sulphite. The time required for vegetable tanning was reduced. As a result the finished product contained 0.65% chromium oxide when an 0.8% solution was used. I. Fehér

FEHER, Istvan

HUNG.

97. Testing the wearing quality of furs (in Russian)  
E. Bruggler and I. Feher (Acta Technica Acad-  
emicae Scientiarum Hungaricae Vol. 8, 1954,  
No. 3-4, pp. 207-220, Figs. 2 tabs.)

MD

Leather and hare pelts were subjected to wear tests.  
Several kinds of testing equipment of the textile  
industry were investigated, the Huggenburger wear  
test machine equipped with a nylon brush proved  
most suitable for testing peltry. Shot hare pelts were  
tested on 3-20 cm samples. The weight of the  
samples was measured before and after the test and

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(1)

... of wear on hair was expressed in per-  
cent of the total hair of the belt. On the basis of  
measurements a numerical relationship was estab-  
lished between the quantity of hair worn off, its  
thickness, the pressure on the wearing brush, and  
the number of strokes. The wear, expressed in per-  
cent, decreases with the increase of the thickness  
of the hair, and is proportional to the number of strokes  
and the load on the wearing surface. Founded on  
these relationships the wearing qualities of differ-  
ently deessed furs can be compared. The results  
of wear tests with shorn and clipped rabbit furs  
show a greater dispersion because the presence  
of guard hairs and hair clumps considerably affect  
wear. To obtain appreciable results with shorn furs  
a load must be applied to the fur. The wear may  
be compared on the basis of the tests conducted.  
Values obtained by the comparative tests agree well  
with values obtained by Austin through practical  
methods.

FENEK, I.

Organizational questions in the leather and shoe industry of the Soviet Union, p. 50, BOR- ES CIPOTECHNIKA, (Boripari Tudományos Egyesület mint a Magyar Tudományos Egyesületek Szövetsége Taggye- sulete) Budapest, Vol. 5, No. 3, June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1956

FENYI, I.

International conference of leather chemists at Freiberg. p. 73,  
BOR- ES CIPOTECHNIKA (Boripari Tudományos Egyesület mint a Magyar  
Tudományos Egyesületek Szövetsége Társasága) Budapest, Vol. 6,  
No. 4, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 11, November 1956

19  
Analysis of radioactive preparations by using a physical method. István Fehér and Dániel Vadrna. *Magyar Tudományos Akadémia Kutató Intézetek Közle-  
ményei* 5, 514-20 (1957). The residual radioactivity of certain short life radioactive tracers ( $Co^{60}$ ,  $Fe^{59}$ , and  $Ca^{45}$ ) used in industrial tracing expts. have been detd. by using scintillation spectrometer and radiochem. sepn. Details of the sepn. method are given. A considerable amount of  $Fe^{59}$  and  $Co^{60}$  was found in the  $Fe^{59}$  samples as contamination.  
John Robson

*Amel*

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Leather, Fur, Gelatin. Tanning Materials. Industrial Proteins. H-35

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17978

Author : Fohar, I.

Inst : Not given

Title : Preliminary Tanning with Chromium Salts as Means of Preserving Leather Against Damages in the Tanning with Liquors of High Syntan Content.

Orig Pub : Kozatstvi, 1957, 7, No 6, 161-163

Abstract : In order to eliminate or to reduce deleterious effects of syntans (I) on raw hides when present in tanning liquors in concentrations higher than 40%, the effect of I was investigated on raw hides which were chrome treated prior to tanning with vegetable substances. Experiments have established critical contents of Hungarian I (lignotan and

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CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Leather, Fur, Gelatin. Tanning Materials. Industrial Proteins. H-35

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R0004128

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17978

monaphen) in tanning mixtures containing approx. 40%. When this limit was exceeded the quality of leather suffered. Preliminary tanning with Cr salts compensate the peptizing action of the increased I content to a considerable degree. On the other hand, the chrome treated, red oak tanned leather is characterized by the increased water absorptive capacity and by a lower resistance [sic]; however, these properties may be improved through modified technology (by filling, fixation, hydro-fabization, etc.). It is necessary to reduce Cr salt losses during the washing and tanning operations, since salts reacting with the tanning liquor precipitate vegetable tannides and slow down the rate of tanning. It is important to have the chrome treated raw hide of fibrous

Card 2/3

H-167

Country : HUNGARY  
Category : H  
Abs. Jour : 44560  
Author : Feher, I.  
Institut. :  
Title : Finishing Leathers by Dye Coatings  
Orig Pub. : Bor-as cipotechna., 1958, 8, No 5, 151-155  
Abstract : The current status of using casein coatings for leather is discussed. The special action of different additives as well as methods for laboratory tests of coating dyes are described. Factors which exert effects on properties of protein films were studied. Data are given on increasing the durability of coatings to wet friction; also on the hydrophobic nature of leather after casein coating. Author's resume.

Card: 1/1

FEHER, I.; ~~REDACTED~~

BOR- ES CIPOTECHNIKA. (Boripari Tudományos Egyesület mint a Magyar Tudományos Egyesületek Szövetsége Tagegyesülete) Budapest.

Recurrent features: News of the Association;  
Index for 1955.  
Index for 1956.

Chromium dissolution in mixed tanning. p. 151.

Vol. 8, No. 6, Dec. 1958.

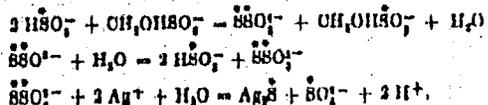
Monthly List of East European Assessments (EEAI), IC, Vol. 8, No. 3,  
March 1959 Unclass.

FEHER, I.

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23. Study of exchange reactions with radioactive  $^{35}\text{S}$  sulphur isotopes. A new contribution to the structure of dithionite. In: Magyar Kémiai Folyóirat, Vol. 80, 1980, No. 2, pp. 68-69, 2 figs., 1 tab.

The nature of the sulphur atoms in dithionite ion was studied by the radioactive  $^{35}\text{S}$  sulphur isotopes. For this purpose hydrogen sulphite with marked sulphur was reacted with inactive formalkohyilsulphoxylate. Dithionite with one marked sulphur atom was obtained from the reaction, this was disproportionated by warming the solution. The sulphur atom of bond number 6 of the thiosulphate produced here was isolated in the form of silver sulphide and its activity measured.



According to the results the specific activities of sulphur in sulphide and of sulphur in sulphite were the same within the limits of experimental error. Consequently the sulphur atoms of dithionite ion are equivalent. Considering these results such dithionite structure does not seem probable in which the sulphur atoms are of different degrees of oxidation.

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**TITLE:** Method of preparing a microporous rubber, with a density below  $0.5 \text{ g/cm}^3$ , from natural and synthetic rubbers

**PERIODICAL:** Referativnyy zhurnal. Khimiya, no. 16, 1962, 562, abstract 16P387 (Hungarian patent 147334, August 30, 1960)

**TEXT:** Two accelerators are added to the initial rubber mixture: 0.5 - 2.5 (preferably 0.6 - 1)% of the first one, which is of amine type with  $\geq 2$  amino groups in the molecule; and 1.0 - 3.0 (preferably 1.6 - 2.0) % of the other, the action of which is retarded by the addition of some substances such as the salicylic acid. Vulcanization is carried out in three stages. At first, in the usual mould and under high pressure ( $75 \text{ kg/cm}^2$ ) until a visco-elastic material is obtained; then gradually decreasing the pressure to  $15 \text{ kg/cm}^2$  and finally when the material has a stable structure. ✓

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Method of preparing a...

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Its volume is increased 3 - 5 times under the action of the pore-generating agent; and a gas pressure of  $2 \text{ kg/cm}^2$  is maintained inside of the pores. During the final stage the moulds are not used and the vulcanization is completed under pressure or in an autoclave. [Abstracter's note: Complete trans-  
lation.]

✓

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